L	Hits	Search Text	DB	Time stamp
Number				
1	4	(solder adj ball) with ramp	USPAT;	2001/10/25
			US-PGPUB;	10:48
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
8	0	(solder adj ball) same ramp same	USPAT;	2001/10/25
		reservoir	US-PGPUB;	10:49
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
15	43	(solder adj ball) same dispenser	USPAT;	2001/10/25
			US-PGPUB;	10:50
			EPO; JPO;	
		·	DERWENT;	
			IBM TDB	•
22	26	(solder adj ball) with dispenser	USPAT;	2001/10/25
		(coluct and name are person	US-PGPUB;	10:51
			EPO; JPO;	
			DERWENT;	••
			IBM TDB	
29	15	(solder adj ball) near3 dispenser	USPAT;	2001/10/25
29	15	(solder adj ball) hears dispenser	1	
			US-PGPUB;	11:19
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
36	22	(ball near3 dispenser) same ramp	USPAT;	2001/10/25
			US-PGPUB;	12:48
			EPO; JPO;	1.514
			DERWENT;	
			IBM TDB	
43	1	("4934309").PN.	USPAT	2001/10/25
				12:54
-	787	(("228/20.1") or ("228/33") or ("228/41") or	USPAT	2001/10/25
		("228/45")).CCLS.		10:46
-	400	(solder near2 ball) and vacuum and gas	USPAT	2001/10/17
				16:37
-	19	((("228/20.1") or ("228/33") or ("228/41") or	USPAT	2001/10/17
		("228/45")).CCLS.) and ((solder near2 ball)		16:37
		and vacuum and gas)		
_	3460	(cobbley ball waddel).in.	USPAT;	2001/10/17
		(consist management	US-PGPUB;	16:37
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	463	(solder near2 hall) and vectors and see	1	
•	403	(solder near2 ball) and vacuum and gas	USPAT;	2001/10/17
			US-PGPUB;	16:38
			EPO; JPO;	٠
			DERWENT;	
			IBM TDB	

2	((cobbley ball waddel).in.) and ((solder	USPAT;	2001/10/17
	near2 ball) and vacuum and gas)	US-PGPUB;	16:47
	,	EPO; JPO;	•
		DERWENT;	
		IBM TDB	•
1856	ball with suction	USPAT	2001/10/17
			16:48
31	((("228/20.1") or ("228/33") or ("228/41") or	USPAT	2001/10/17
	("228/45")).CCLS.) and (ball with suction)		16:48
9	, , , , , , , , , , , , , , , , , , , ,	USPAT	2001/10/17
			17:07
-	("5680984") or ("5685477") or ("5687901")		
	or ("5695667")).PN.		
861	(pick-up (pick adj up)) near2 ball	USPAT;	2001/10/18
		US-PGPUB;	10:46
		EPO; JPO;	
		DERWENT;	
		IBM TDB	
58	(positive near2 pressure) and ((negative	USPAT;	2001/10/18
	near2 pressure) vacuum\$3 suction\$3) and	US-PGPUB;	10:20
	(solder\$3 near2 ball)	EPO; JPO;	
		DERWENT;	· · · · · · · · · · · · · · · · · · ·
	\	IBM TDB	
5	(("5788313") or ("5445313")).PN.	USPAT;	2001/10/18
		US-PGPUB;	10:21
		EPO; JPO;	,
	<i>δ</i>	DERWENT;	
		IBM TDB	
0	1 444	USPAT;	2001/10/18
	***	· ·	10:42
	1	•	
1	1 111	_	2001/10/18
		1	10:22
	·		
	("5445313")).PN.)	1	
	(UETO0040U) (UE445040U) BN		2004/40/49
2	(("5788313") or ("5445313")).PN.	USPAI	2001/10/18 10:21
	//	LICPAT-	10:21 2001/10/18
1	, ,,,	1	10:22
	-	1	19.22
	·	1	
	(`` 344 531 <i>3</i> ``)).PN.)	1	
_	: (("EAAE242") ~~ ("E7004A2")\ BAI		2001/10/18
2	((° 5445515") or (°5786145")).PN:	USPAI	10:22
	((positive near2 pressure) and ((negative	USPAT;	2001/10/18
_		USPAI	UU I/ IU/ IO
2		1	10.23
2	near2 pressure) vacuum\$3 suction\$3) and	US-PGPUB;	10:23
2		1	10:23
	1856 31 9 861 58	1856 ball with suction	1856 ball with suction US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT USPAT; USPGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; IBM TDB USP

•	4	((pick-up (pick adj up)) near2 ball) and ((positive near2 pressure) and ((negative near2 pressure) vacuum\$3 suction\$3) and (solder\$3 near2 ball))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/10/18 10:43
-	92	((pick-up (pick adj up)) near2 ball) and heat\$5	IBM TDB USPAT; US-PGPUB; EPO; JPO;	2001/10/18 10:44
-	68	((pick-up (pick adj up)) near2 ball) and	DERWENT; IBM TDB USPAT;	2001/10/18
		screen\$5	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	10:44
	52	((pick-up (pick adj up)) near2 ball) and ramp	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/10/18 10:44
-	238	((pick-up (pick adj up)) near2 ball) and (axis axes)	IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/10/18 10:45
-	30	(((pick-up (pick adj up)) near2 ball) and heat\$5) and (((pick-up (pick adj up)) near2 ball) and (axis axes))	IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/10/18 10:45
-	3	(((pick-up (pick adj up)) near2 ball) and screen\$5) and ((((pick-up (pick adj up)) near2 ball) and heat\$5) and (((pick-up (pick adj up)) near2 ball) and (axis axes)))	IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/10/18 10:45
-	3	((pick-up (pick adj up)) near2 ball) with heater	IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/10/18 10:50
-	6	((pick-up (pick adj up)) near2 ball) with screen\$4	IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2001/10/18 10:47
-	2	((pick-up (pick adj up)) near2 ball) with ramp	IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/10/18 10:47

•	11	(((pick-up (pick adj up)) near2 ball) with heater) (((pick-up (pick adj up)) near2 ball)	USPAT; US-PGPUB;	2001/10/18 10:47
		with screen\$4) (((pick-up (pick adj up))	EPO; JPO;	
		near2 ball) with ramp)	DERWENT; IBM TDB	
-	18	((pick-up (pick adj up)) near2 ball) with	USPAT;	2001/10/18
		(axis axes)	US-PGPUB; EPO; JPO;	11:53
			DERWENT;	
			IBM TDB	0004/40/40
-	6353	(pick-up (pick adj up)) with (axis axes)	USPAT; US-PGPUB;	2001/10/18 10:54
		,	EPO; JPO;	
			DERWENT;	
	10	((pick-up (pick adj up)) with (axis axes))	IBM TDB USPAT;	2001/10/18
-	10	and (solder\$ near2 ball)	US-PGPUB;	10:55
			EPO; JPO;	
			DERWENT; IBM TDB	
-	107	((pick-up (pick adj up)) near2 (tool head))	USPAT;	2001/10/18
		with ball	US-PGPUB; EPO; JPO;	11:57
			DERWENT;	
			IBM TDB	
-	39	(((pick-up (pick adj up)) near2 (tool head)) with ball) and (rotate rotating rotatable	USPAT; US-PGPUB;	2001/10/18 12:03
		movable axis axes)	EPO; JPO;	12.03
		•	DERWENT;	
	203	(solder near2 ball) with load\$4	IBM TDB USPAT;	2001/10/18
-	203	(Solder Hear Early With Today	US-PGPUB;	15:45
			EPO; JPO;	
			DERWENT; IBM TDB	
-	787	(("228/20.1") or ("228/33") or ("228/41") or	USPAT	2001/10/18
_	88	("228/45")).CCLS. (solder near2 ball) with load\$4	USPAT	16:03 2001/10/18
-	00	Toolse Heal wall, will loady		15:45
-	9	((("228/20.1") or ("228/33") or ("228/41") or	USPAT	2001/10/18 15:49
		("228/45")).CCLS.) and ((solder near2 ball) with load\$4)		10,45
-	1	((solder adj ball) with (feed\$4 load\$4)) and	USPAT;	2001/10/18
		ramp	US-PGPUB; EPO; JPO;	15:56
			DERWENT;	
			IBM TDB	2004/40/40
	332	(solder adj ball) with (feed\$4 load\$4)	USPAT;	2001/10/18 15:58
•			U3-FGFUB:	13.30
•			US-PGPUB; EPO; JPO; DERWENT;	13.30

•	21	((("228/20.1") or ("228/33") or ("228/41") or	USPAT;	2001/10/18
		("228/45")).CCLS.) and ((solder adj ball)	US-PGPUB;	16:01
		with (feed\$4 load\$4))	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	2336	ramp with valve	USPAT;	2001/10/18
		•	US-PGPUB;	16:02
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	520	(ramp with valve) and ball	USPAT;	2001/10/18
-	320	(ramp with variety and ball	US-PGPUB;	16:02
			EPO; JPO;	
		`	DERWENT;	
			IBM TDB	
	040	(ball	USPAT;	2001/10/18
-	213	(ramp with valve) same ball	US-PGPUB;	
			1	10.02
			EPO; JPO;	
			DERWENT;	
			IBM TDB	0004/40/40
-	1302	(("228/20.1") or ("228/33") or ("228/41") or	USPAT;	2001/10/18
		("228/45")).CCLS.	US-PGPUB;	16:03
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	0	((ramp with valve) same ball) and	USPAT;	2001/10/18
		((("228/20.1") or ("228/33") or ("228/41") or	US-PGPUB;	16:03
		("228/45")).CCLS.)	EPO; JPO;	
			DERWENT;	
			IBM TDB	}
_	2	((ramp with valve) same ball) and	USPAT;	2001/10/18
		solder\$4	US-PGPUB;	16:03
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	1	1	;	1